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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002 OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 8888/220  
First Inventor Identified by Attorney Docket Number only  
Title PROPHYLACTIC SYSTEMS FOR DENTAL INSTRUMENTS  
AND METHODS FOR USING THE SAME  
Express Mail Label No. EL752241920US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)  
2. ☐ Application claims small entity status.  
See 37 CFR 1.27  
3. ☒ Specification [Total Pages 24]  
(Preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

☒ Drawing(s) (35 USC 113) [Total Sheets 12]

Oath or Declaration [Total Pages ]

- a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/426,219

Prior application information

Examiner Ralph A. Lewis

Group/Art Unit: 3732

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Custom No. or Attach bar code label here) ☒ Correspondence address below

Name John S. Beulick  
Armstrong Teasdale LLP  
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Name (Print/Type) Patrick W. Rasche Registration No. (Attorney/Agent) 37,916  
Signature *Patrick W. Rasche* Date February 5, 2002

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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision

**Complete If Known**

Application Number	
Filing Date	February 5, 2002
First Named Inventor	Identified by Atty Dkt Number only
Group Art Unit	
Examiner Name	
Attorney Docket Number	8888/220

TOTAL AMOUNT OF PAYMENT (\$5600.00)

**METHOD OF PAYMENT (check one)**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments toDeposit  
Account  
Number

01-2384

Deposit  
Account  
Name☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status  
See 37 CFR 1.272. ☐ Payment Enclosed☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee Code	Small Fee Code	Entity Fee Code	Fee Description	Fee Paid
101	740	201	370	Utility Filing Fee	370.00
105	330	206	165	Design Filing Fee	
107	510	207	255	Plant Filing Fee	
108	740	208	370	Reissue filing Fee	
114	150	214	80	Provisional Filing Fee	
SUBTOTAL (1)					370.00

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee From Below	Fee Paid
34	-20**	14 x 9 =	\$146.00
5	-3*	2 x 42.00 =	84.00

Large Fee Code	Entity Fee Code	Small Fee Code	Entity Fee Code	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	*Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				

\*\*or number previously paid, if greater. For Reissues, see above

\$230.00

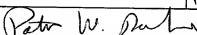
**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee Code	Small Fee Code	Entity Fee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for ex parte reexamination	
112	920*	112	620*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
128	1960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1280	241	640	Petition to revive - unintentional	
142	1280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after a final rejection (37-CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Patrick W. Rasche	Registration No. (Attorney/Agent)	37,916	Telephone	(314) 621-5070
Signature		Date	February 5, 2002		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Identified by Atty. Dkt. Number only :  
Serial No.: : Art Unit:  
Filed: February 5, 2002 : Examiner:  
For: PROPHYLACTIC SYSTEMS FOR :  
DENTAL INSTRUMENTS AND :  
METHODS FOR USING THE SAME :

**CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS**

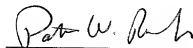
Express Mail mailing label number: EL752241920US

Date of Mailing: February 5, 2002

I certify that documents listed below:

- Continuation Utility Patent Application (24 pgs.) claim priority of U.S. Patent Application No.: 09/426,219, Filed October 22, 2000  
Specification (14 pgs.)  
Claims (9 pgs.)  
Abstract (1 pg.)
- Continuation Utility Patent Application Transmittal (1 pg.)
- Continuation Utility Patent Application Fee Transmittal (1 pg in duplicate)
- Certificate of Mailing Via Express Mail (1 page)
- Return postcard
- Twelve (12) Sheets of drawings.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box Utility Patent Application, Washington, D.C. 20231.



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